Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. First & Final Bill Date:

Division: EE (Yelahanka Division – Yelahanka Zone) Sub-Division: Yelahanka Sub Division

Bill Received No.....Dated.....Cash Book Voucher No.....dated.....

Scheduled Docket No.

Name of Work (as per sanctioned estimate): Asphalting to Road from BBMP Revenue Office towards Down Bazar Road upto NH in Ward No-01 Kempegowda of Yelahanka Sub Division.

Reference to Agreement No: BBMP/EE/YNK/AG/79/2020-21, Date: 02-07-2020

Work order No: BBMP/EE/YNK.D/EPMT-01/W.O/89/2020-21, Date: 24-07-2020

Job Code: 001-20-000111 Budget head: Est. cost: 30.00 lakhs

Name of Contractor and Full Address: Sri.R. Ranganth

Certified that the measurements were taken by me on 29-11-21 and recorded of Pages: 117645 to 117654 of measurement Book No: 1177 and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that the measurements were verified by me on 29/11/2021 and found correct.

The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

If Memorandum of Payment

1) Total value of work done or supplies made as per account with in
2) Deduct amount to be held in reserve being.....percent Rs.....
3) " Balance
4) Deduct Payments :
   a) Amount of previous payment as in the Office cash Book Voucher No.....Dated.....S.D. No.....
      Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied.
      Now made recovery of amount creditable to this/other work
      Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the Office Cash Book Voucher No.....dated.....less adjustments
7) Net amount due to or from contractor

Unadjusted items

8) Advance to contractor for materials brought to site (as detailed) within

Contractor's Signature

Received Rs..... (In words)

.....

By Cash and by adjustment of Payment as per memorandum (For use in the Office)

Witnesses:

1.
2.

Dated.....Signature of Contractor

Stamp

Paid by me by cheque

No.....Dated.....

Cash Rs.....Dated.....

Executive Engineer

Initials of Officer making payment

Sl. No.	Description of work	Unit	Schedule-B Quantity	Previous Measurement		Present Measurement			Total UP-to-date		Remarks
				Qty	Cost	Qty	Rate Rs. & P.	Cost	Qty.	Cost	
1	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications. MORTH Specification No.301	Cum	88.66			88.04	131.24	11554.40	88.04	11554.40	
2	Removal of unserviceable soil including excavation, loading replacement by suitable soil which shall be paid separately as per clause 300.5 complete as per specifications. MORTH Specification No. 301	Cum	191.70			190.37	37.66	7169.33	190.37	7169.33	
3	Removing & Refixing stone slabs of drains and pointing in C.M (1:3)	Sqm	575.10			568.05	116.31	66069.90	568.05	66069.90	
4	Providing and Fixing Pre-cast covering slab made of concrete 1:2:4 with 10cm thick and finishing cutting, including form work, cost of all materilas, labour, hire charges of chinney, loading, unloading, laid and lift transportation etc.,	Sqm	63.90			63.00	2442.16	153856.08	63.00	153856.08	
5	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision	Cum	44.33			44.02	1938.48	85332.13	44.02	85332.13	
6	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	Cum	44.33			44.02	2091.34	92061.05	44.02	92061.05	
7	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. Clause 502 of MORTH V revision	Sqm	295.52			293.47	29.91	8777.61	293.47	8777.61	
8	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications	Sqm	3195.00			3195.00	5.54	17700.30	3195.00	17700.30	

Sl. No.	Description of work	Unit	Schedule-B Quantity	Previous Measurement		Present Measurement			Total UP-to-date		Remarks
				Qty	Cost	Qty	Rate Rs. & P.	Cost	Qty.	Cost	
9	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 505 of MORTH V revision - do - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen	Cum	159.75			159.75	7094.82	1133397.50	159.75	1133397.50	
10	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications. Clause 503 of MORTH V revision	Sqm	3195.00			3195.00	13.29	42461.55	3195.00	42461.55	
11	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. – do – using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)	Cum	127.80			127.80	8102.83	1035541.67	127.80	1035541.67	
12	Providing and fixing of retro - reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of high intensity grade sheeting vide Clause 801.3, fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing	Nos	356.00			356.00	144.00	51264.00	356.00	51264.00	

Sl. No.	Description of work	Unit	Schedule-B Quantity	Previous Measurement		Present Measurement			Total UP-to-date		Remarks
				Qty	Cost	Qty	Rate Rs. & P.	Cost	Qty.	Cost	
13	Direction and Place Identification Signs with size morethan 0.9 sqm Size Board: Providing and erecting direction and place identification retro-reflectorised sign as per IRC:67 made of high intensity grade sheeting vide Clause 801.3, fixed over aluminium sheeting, 2 mm thick with area not exceeding 0.9 sqm supported on a mild steel single angle iron post 75 x 75 x 6mm , 2 Nos. firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete 45 x 45 x 60 cm, 60 cm below ground level as per approved drawing.	Sqm	2.00			2.00	7907.87	15815.74	2.00	15815.74	
14	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803	Sqm	130.20			130.20	475.20	61871.04	130.20	61871.04	
								2782872.00		2782872.00	
	Sub Total Amount							333945.00		333945.00	
	Add 12.0% towards GST Charges							3116817.00		3116817.00	
	Grand Total Amount										

Certificate

1 The above work has been Completed satisfactorily

2 The debris has been removed and disposed from the work spot.

3 No. departmental issues are made to the contractor

Asst. Executive Engineer
Yelahanka Sub Divison
(BBMP Yelk. Zn)
Yelahanka, Bangalore